

1/21

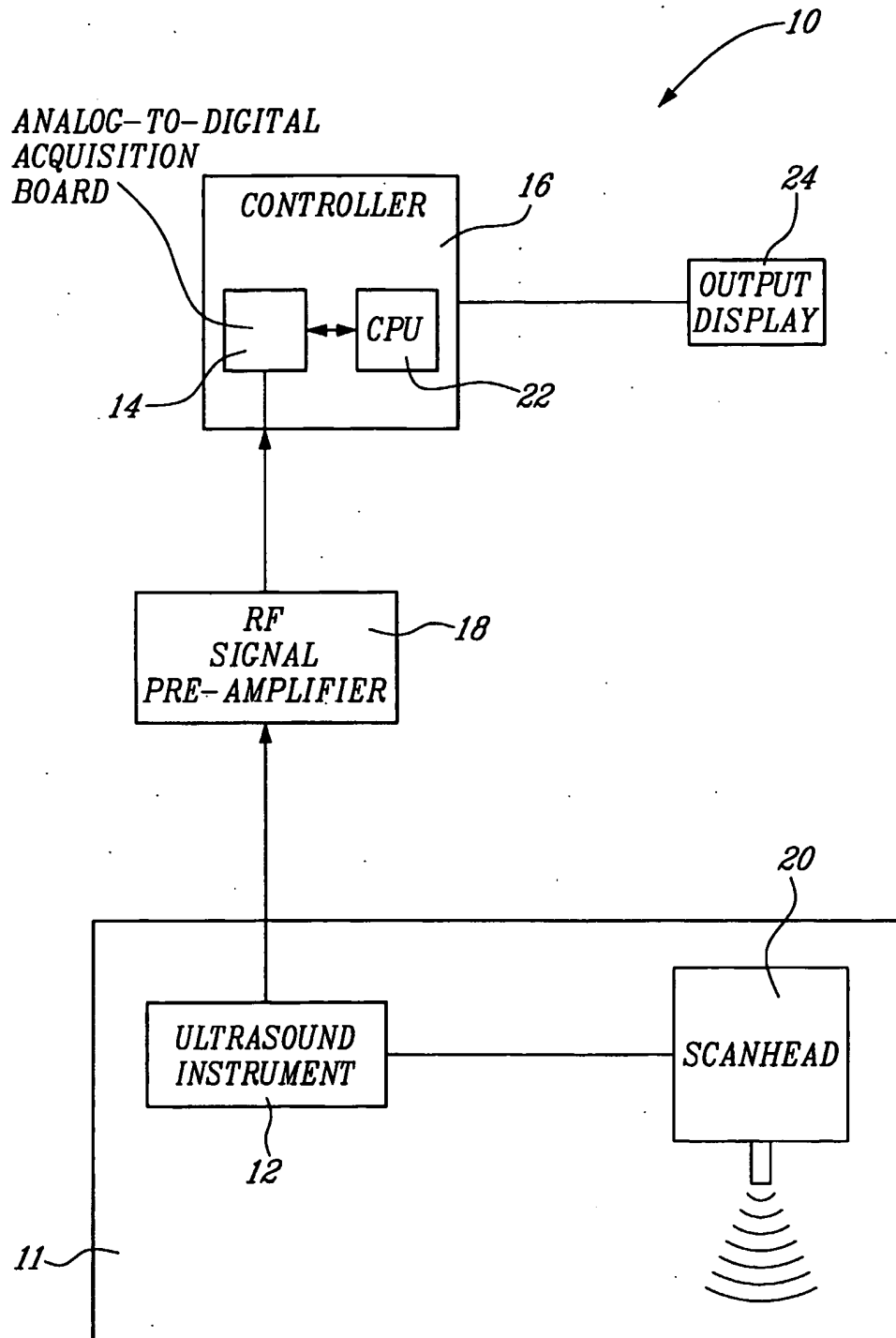
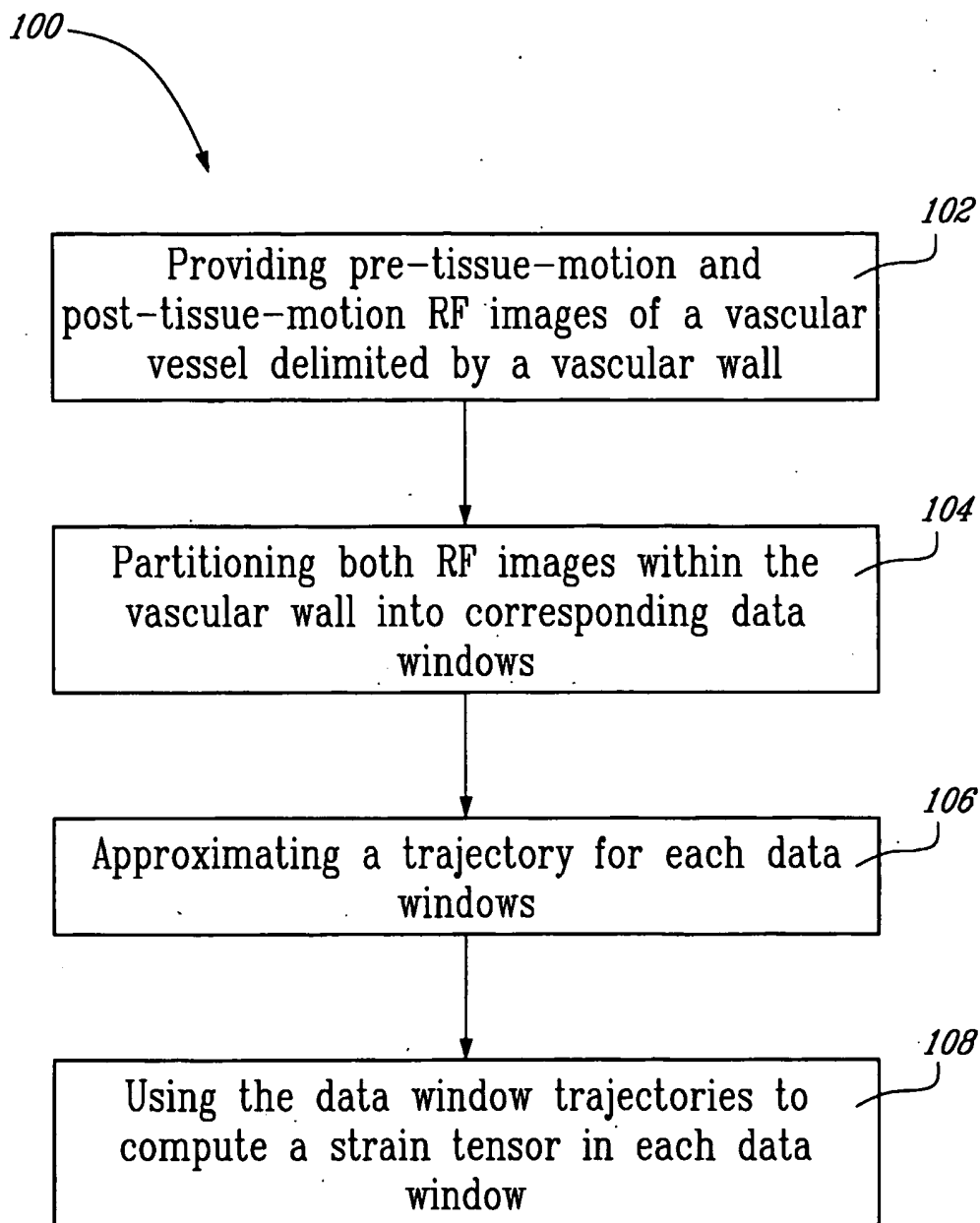


FIG. 1

REST AVAILABLE COPY

2/21

FIG. 2

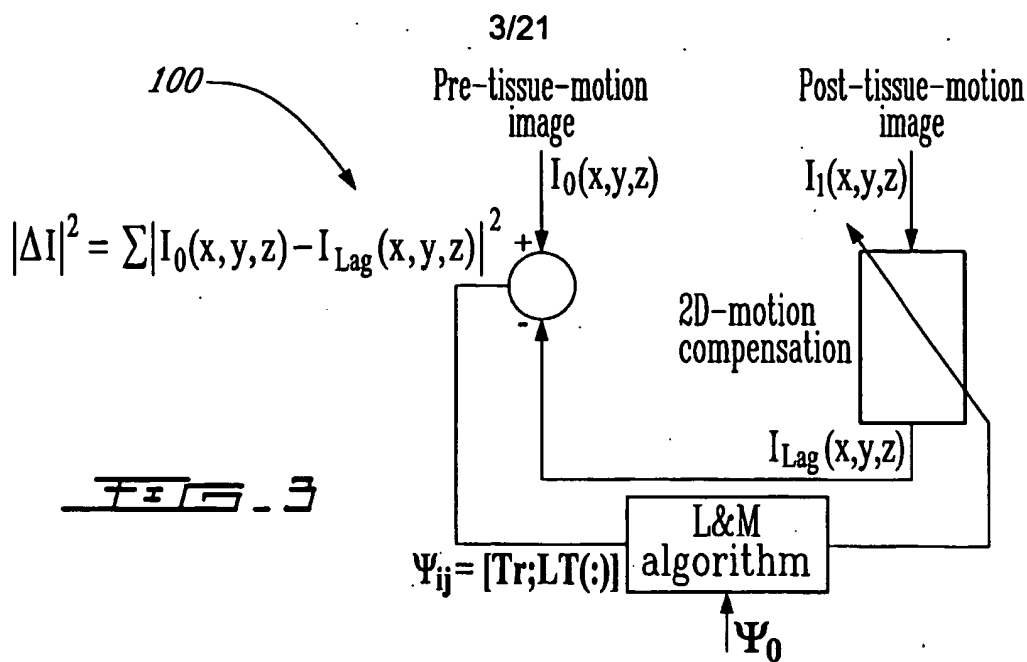


FIG. 3

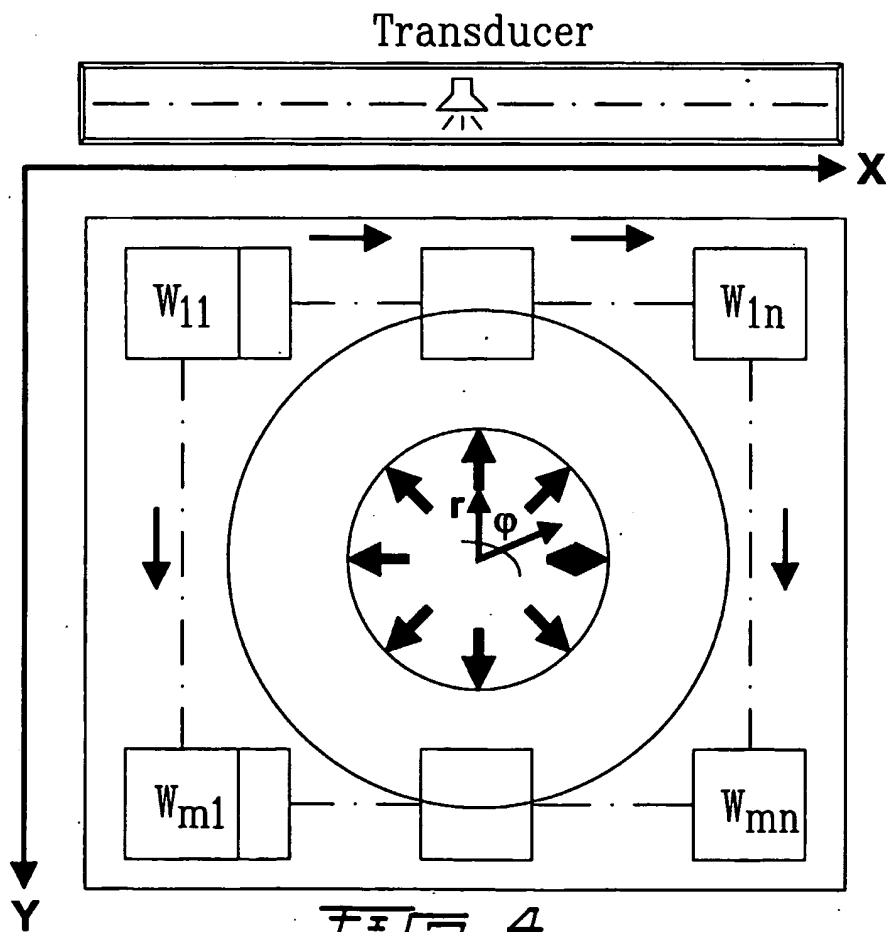
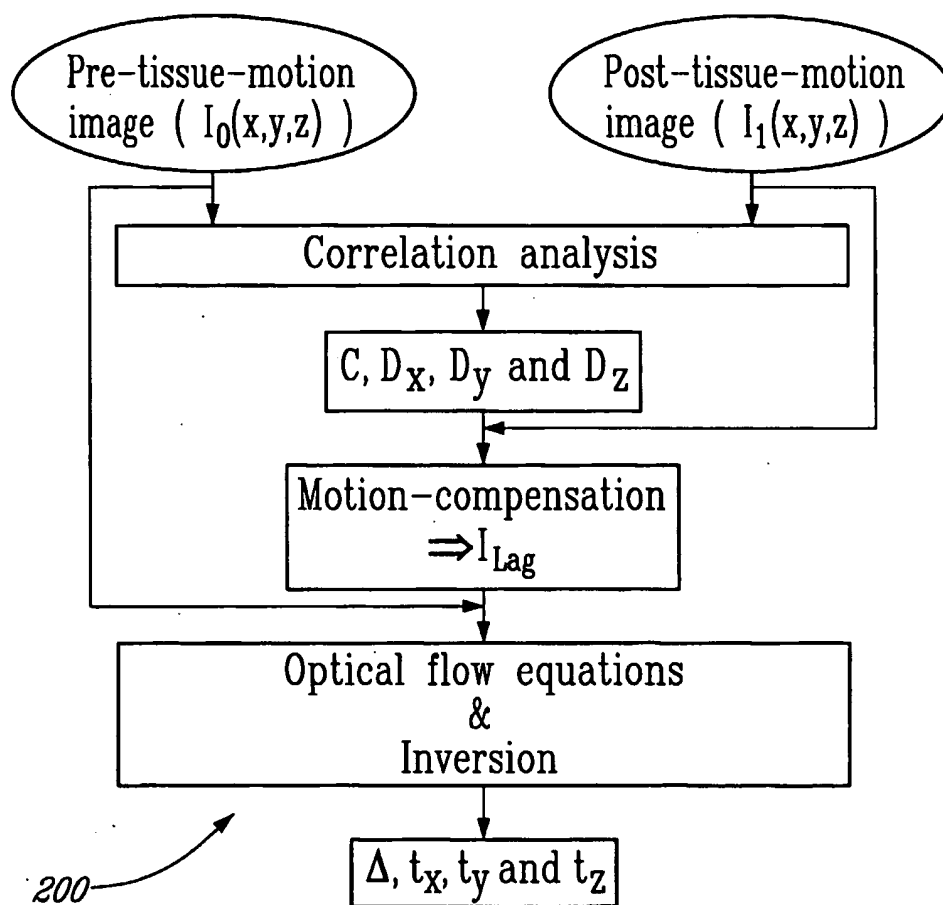
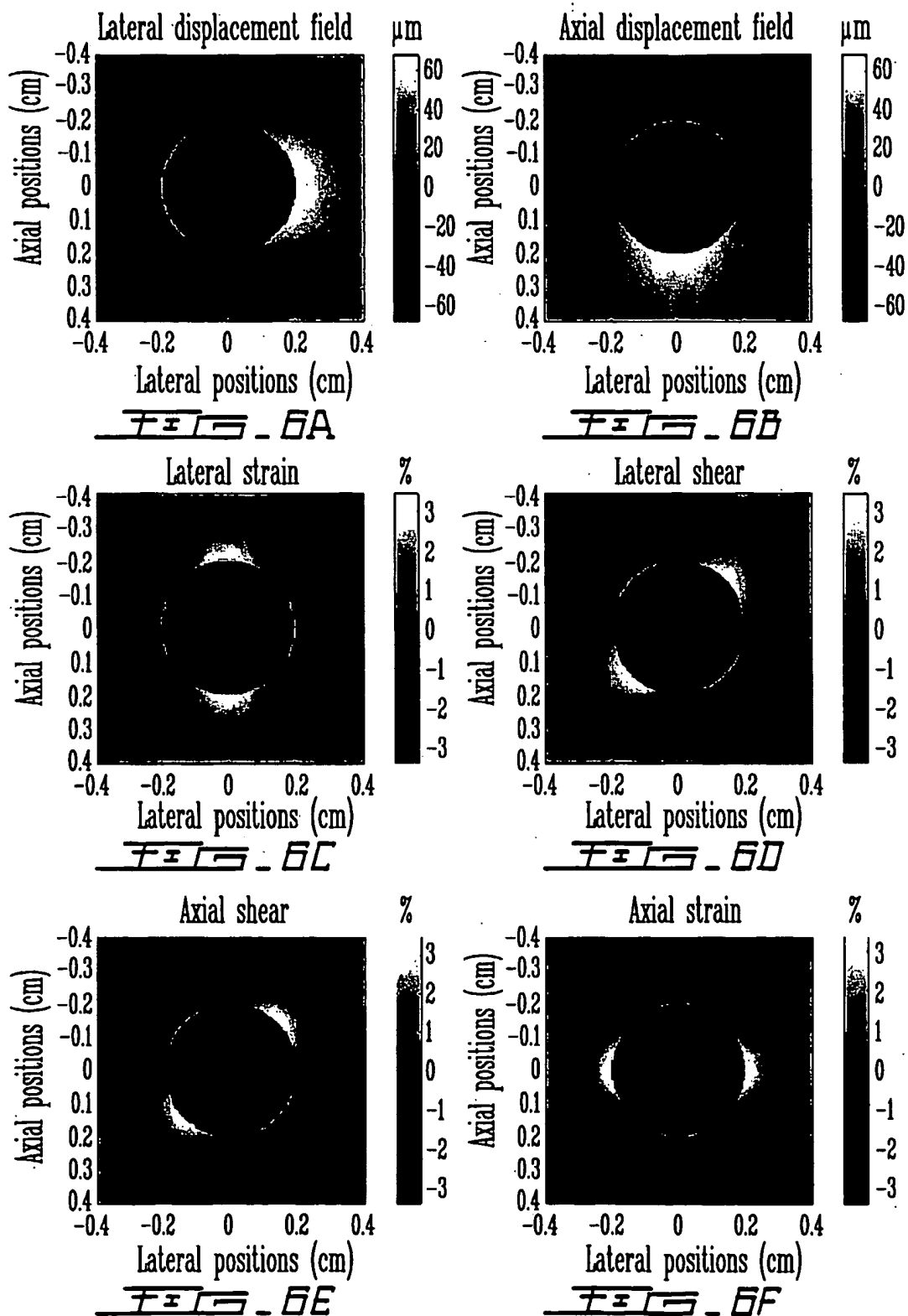


FIG. 4

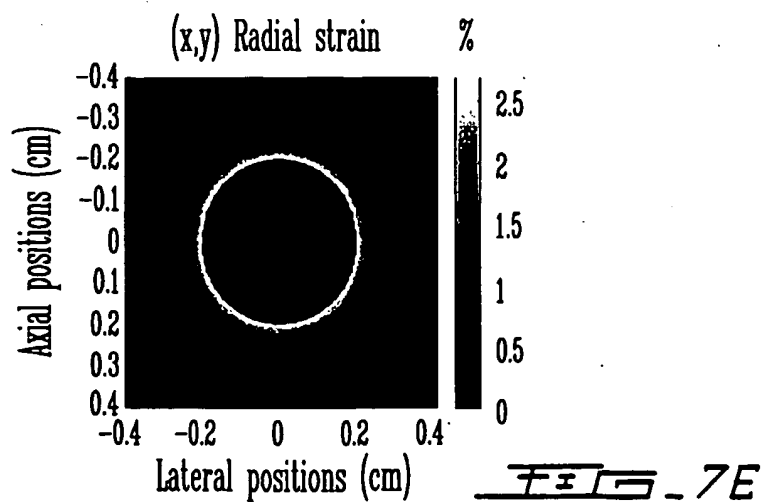
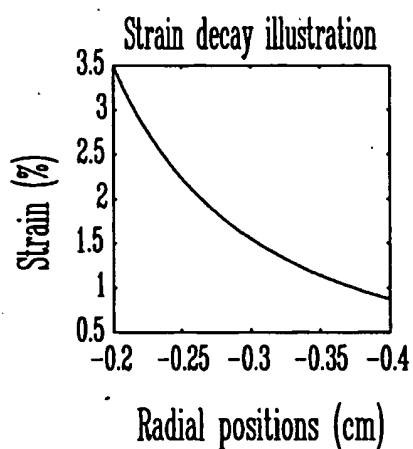
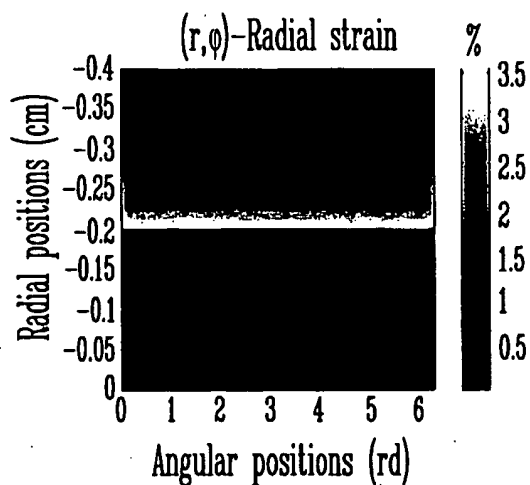
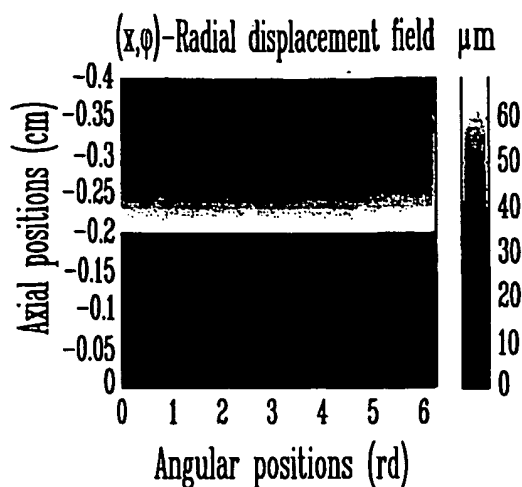
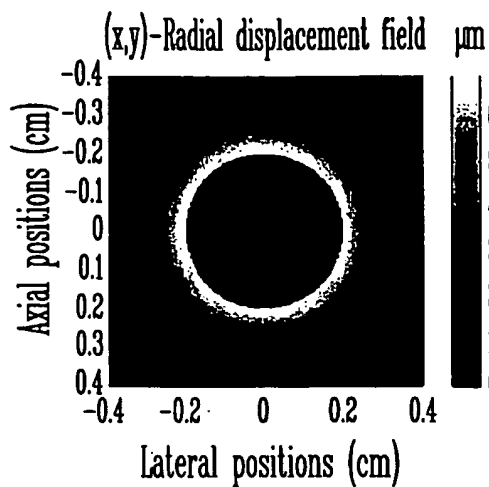
4/21

FIG. 5

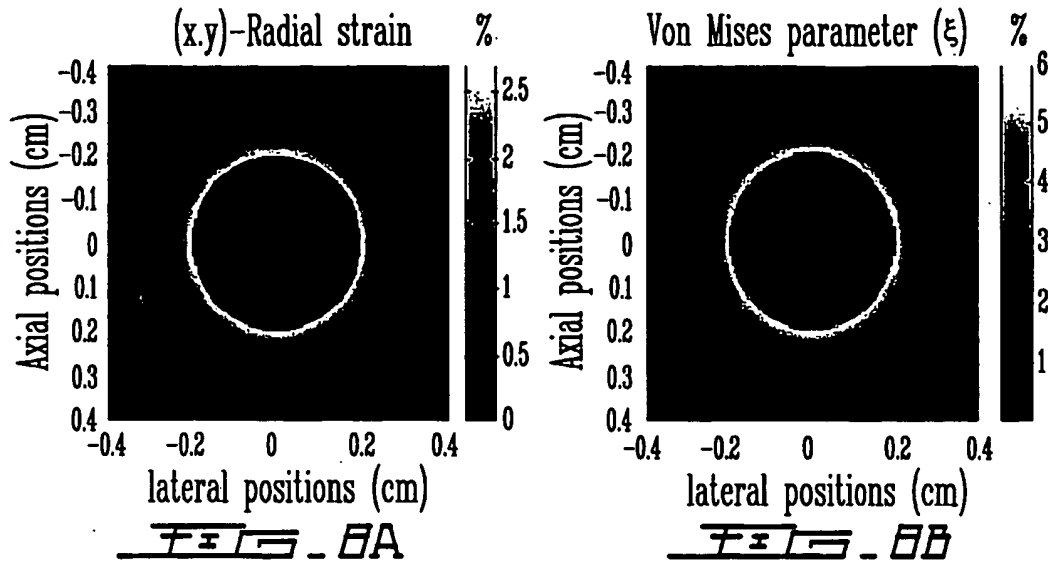
5/21



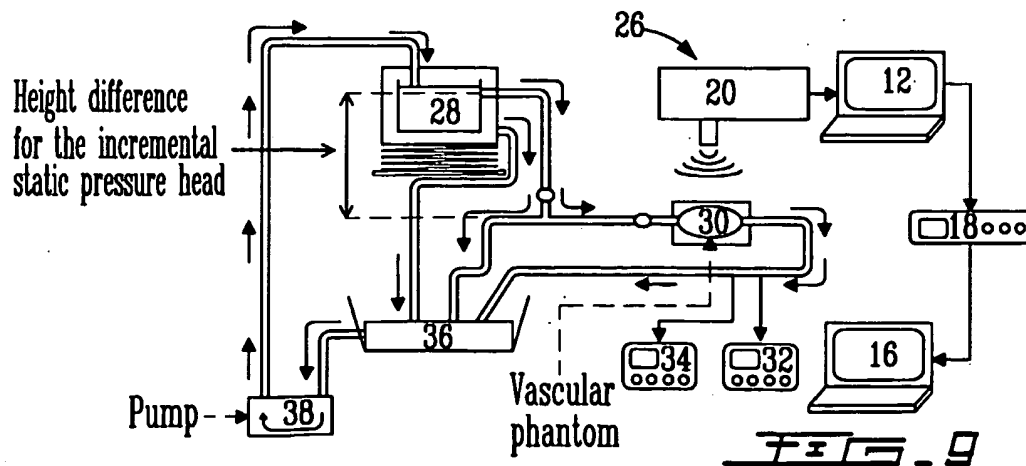
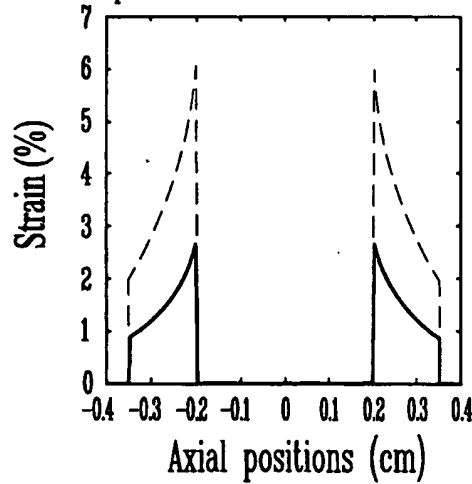
6/21



7/21



Comparison between radial strain and ξ



8/21

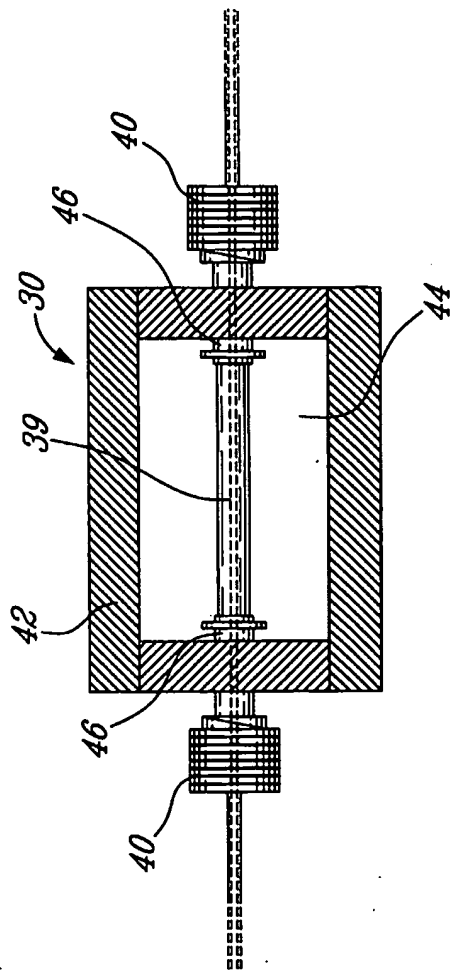


FIG. 10

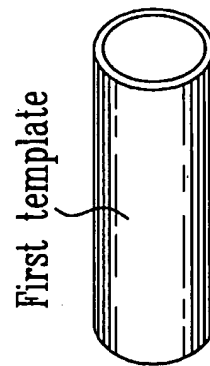


FIG. 11A

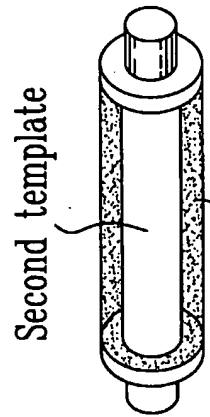


FIG. 11B

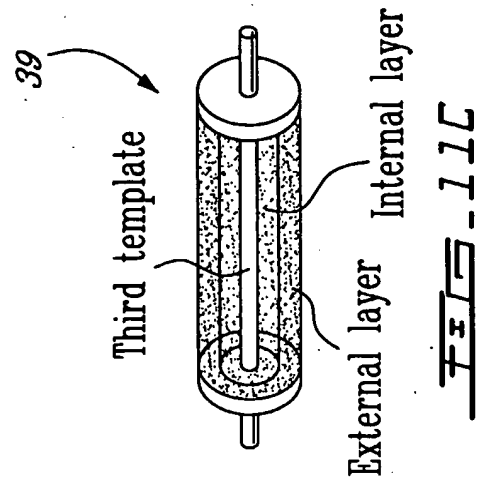
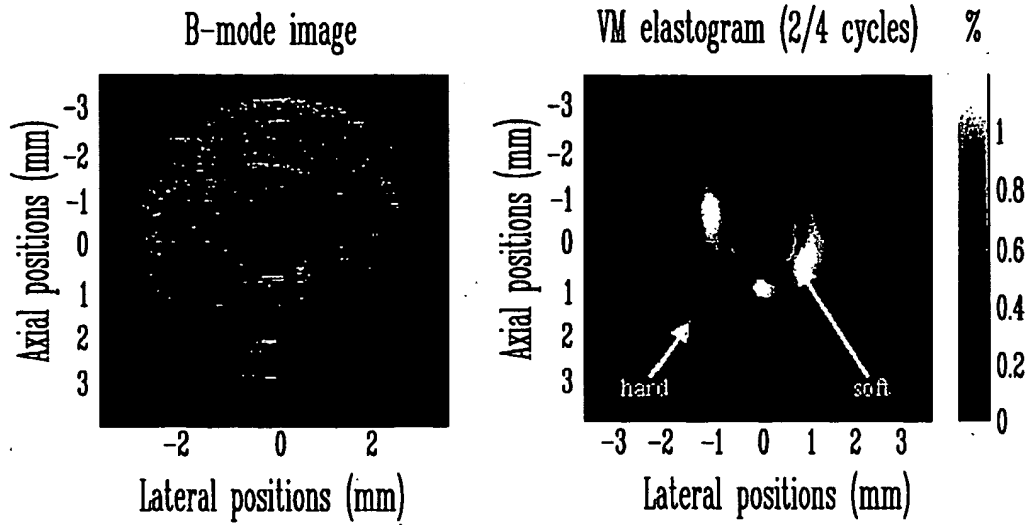
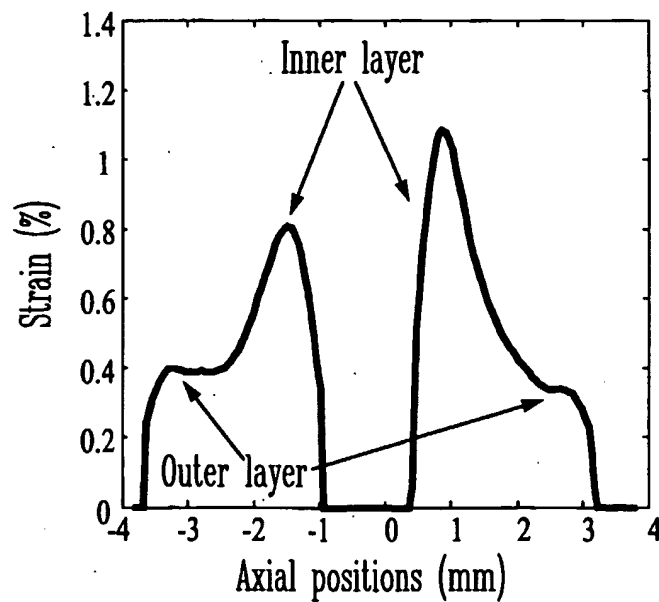


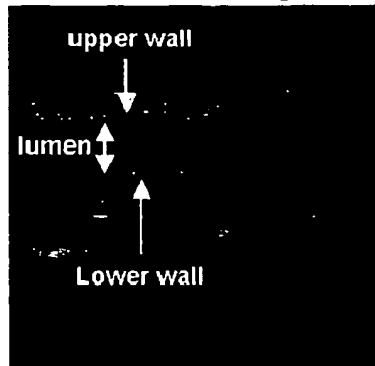
FIG. 11C

9/21

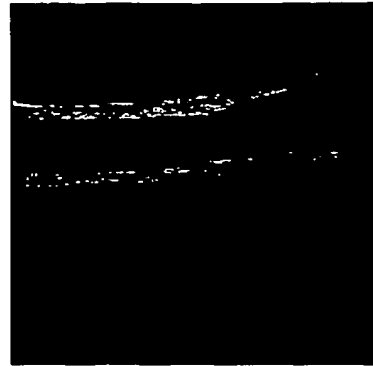
FIG. 12A (PRIOR ART)FIG. 12BFIG. 12C

10/21

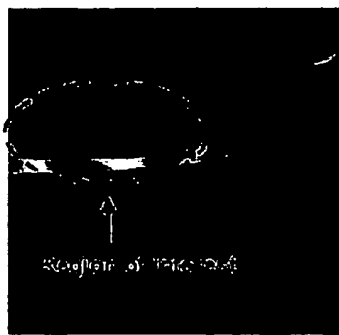
B-mode image

FIG. 13A (PRIOR ART)

Segmented B-mode image

FIG. 13B

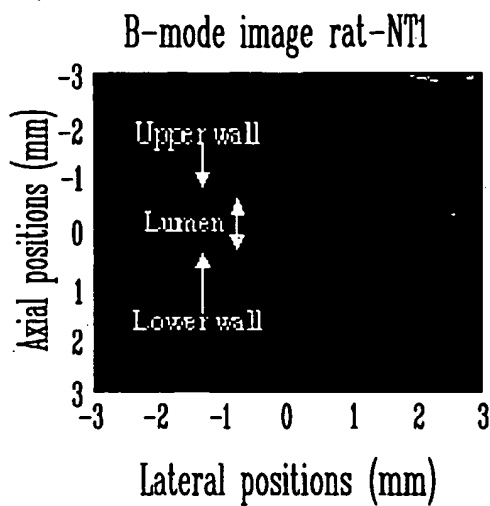
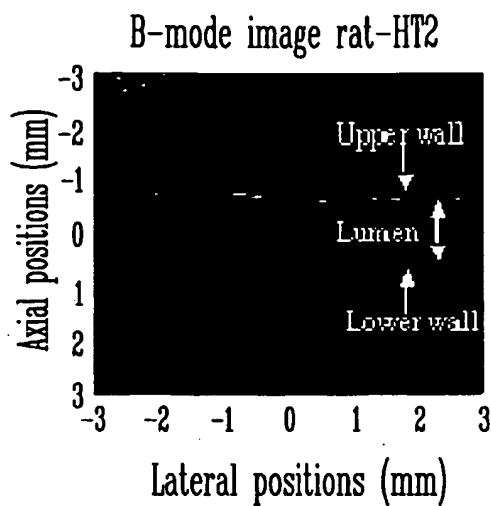
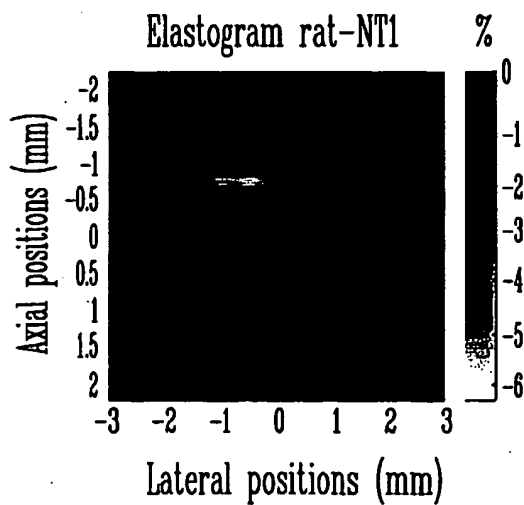
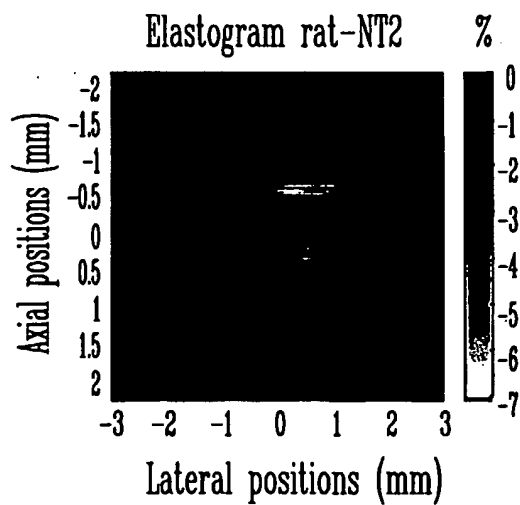
Elastogram

FIG. 13C

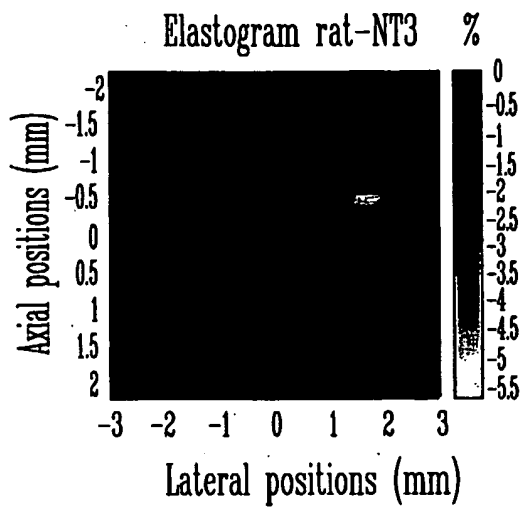
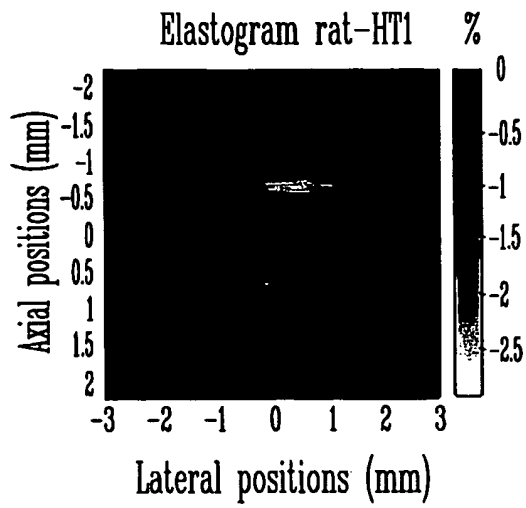
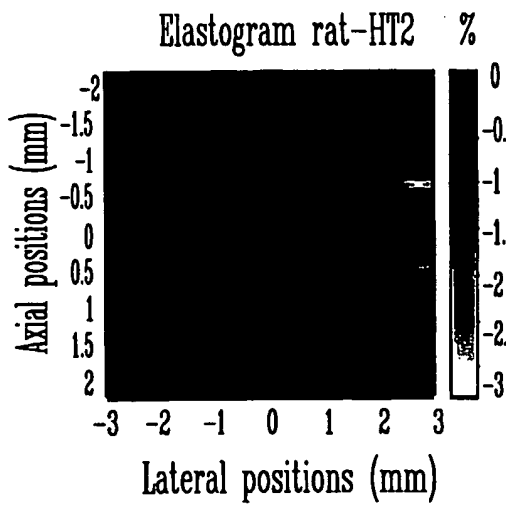
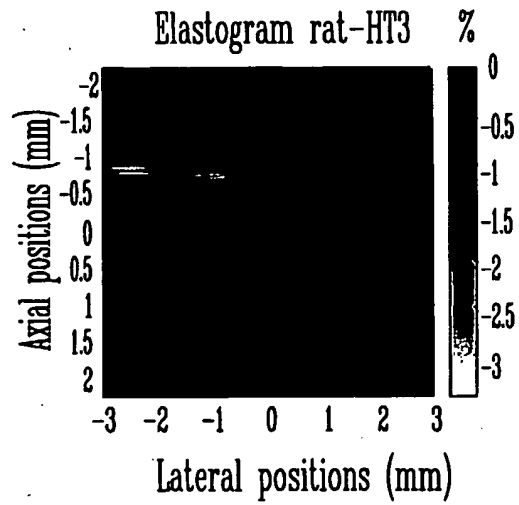
Elastogram

FIG. 13D

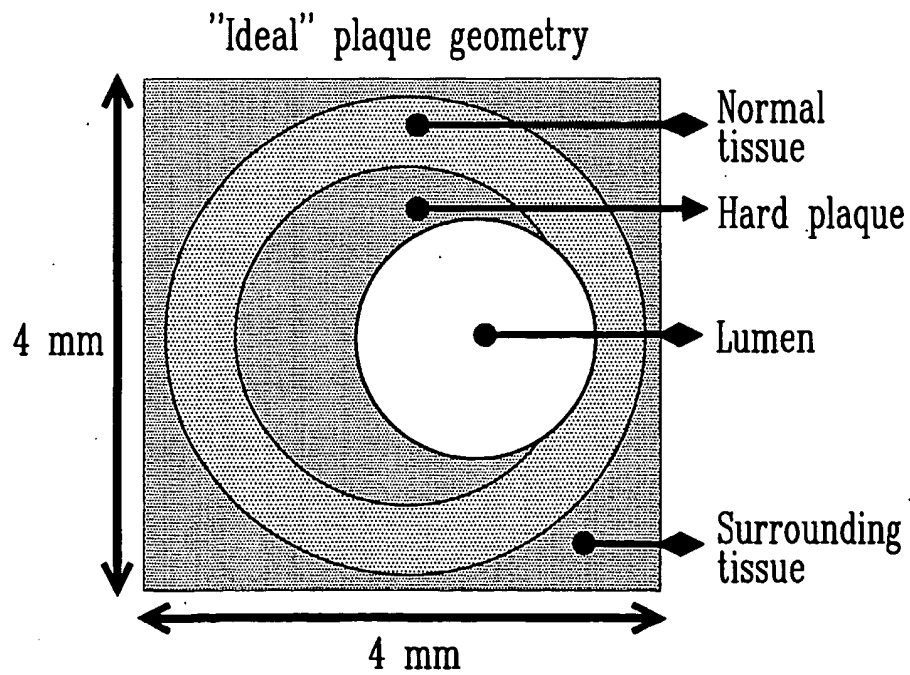
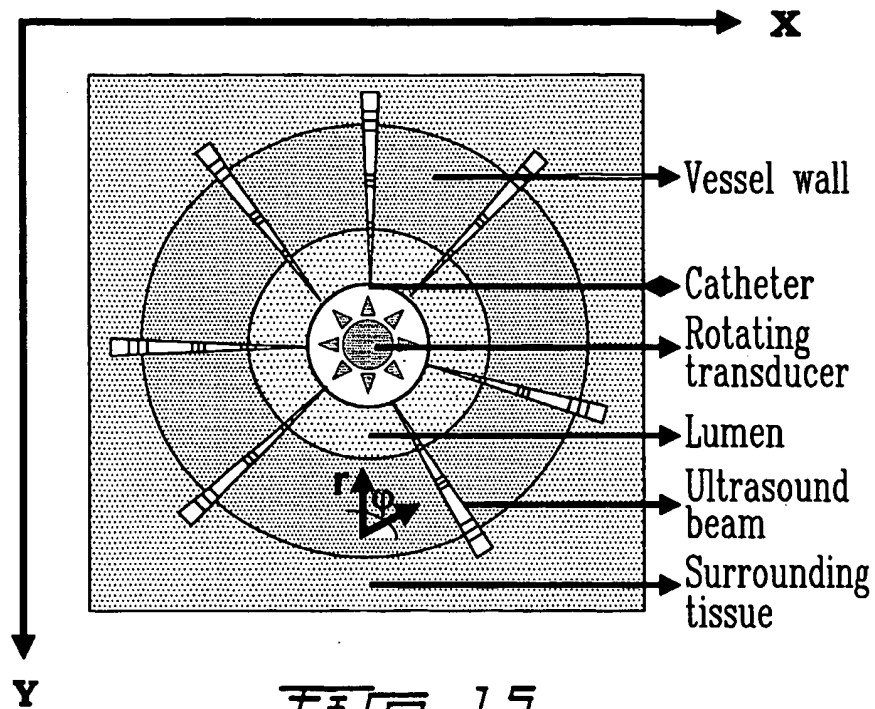
11/21

FIG. 14A (PRIOR ART)FIG. 14B (PRIOR ART)FIG. 14CFIG. 14D

12/21

FIG. 14 EFIG. 14 FFIG. 14 GFIG. 14 H

13/21



14/21

In vivo IVUS image

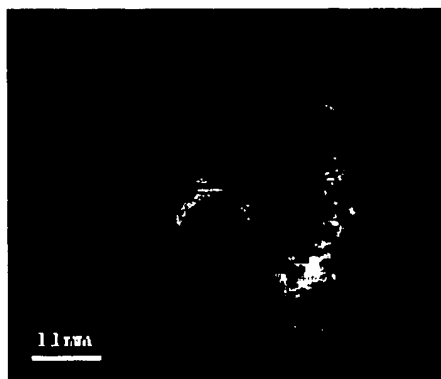
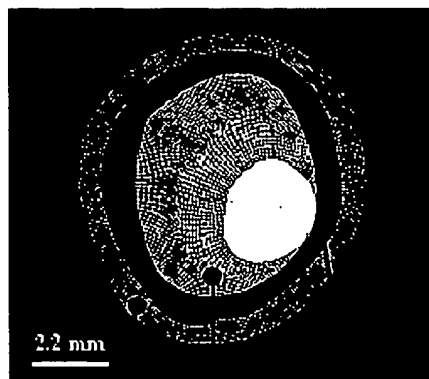


FIG. 17A (PRIOR ART)

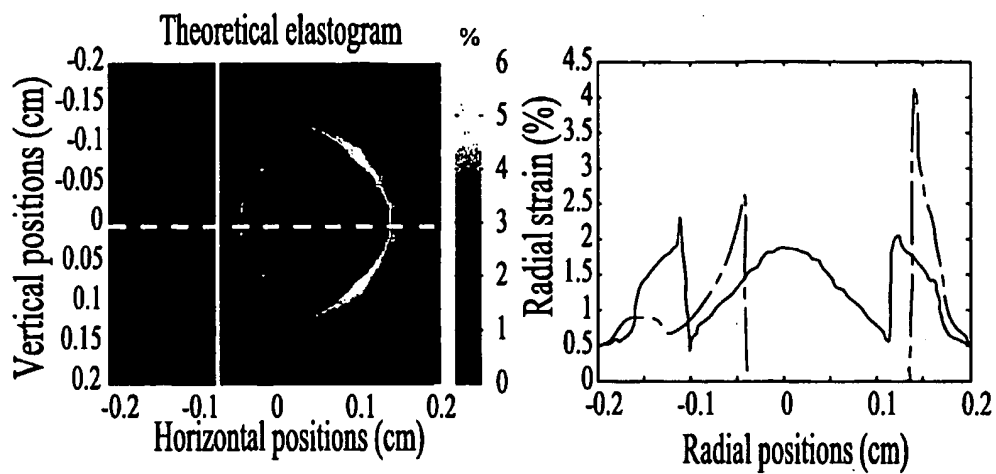
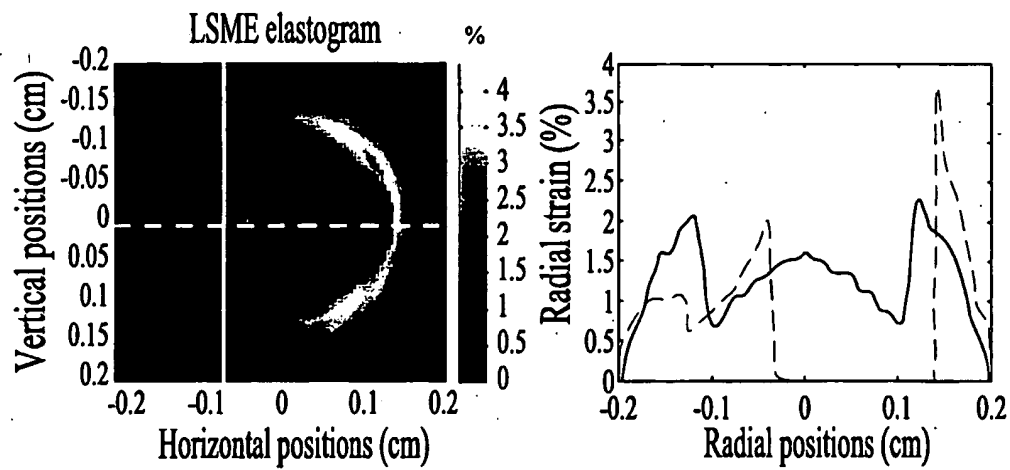
Cross-sectional vessel wall reconstruction



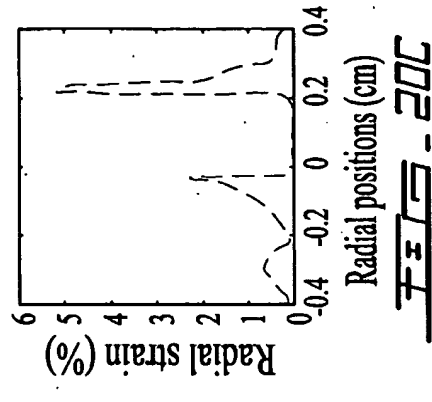
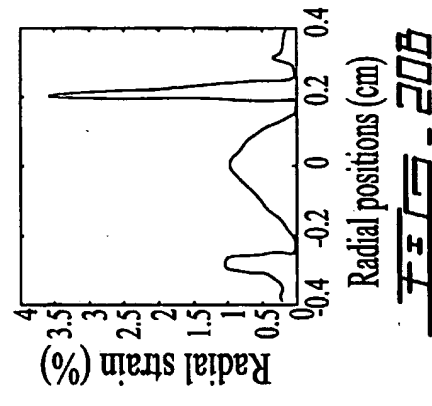
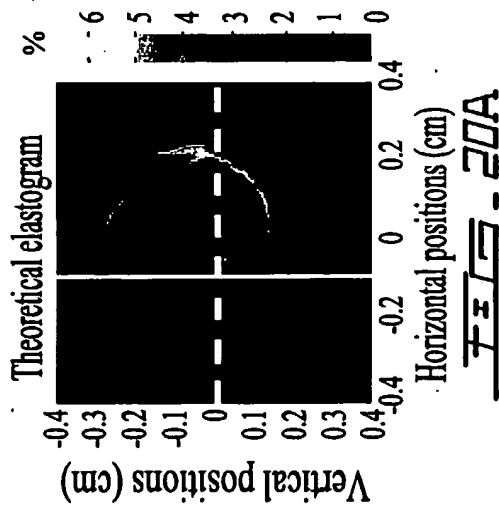
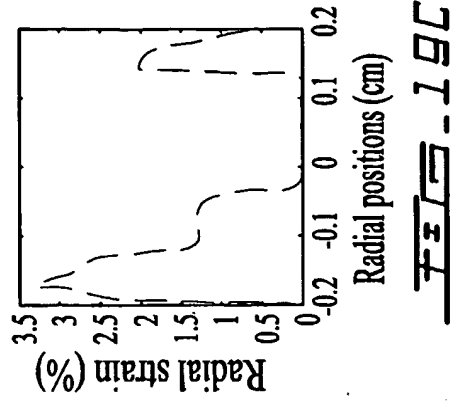
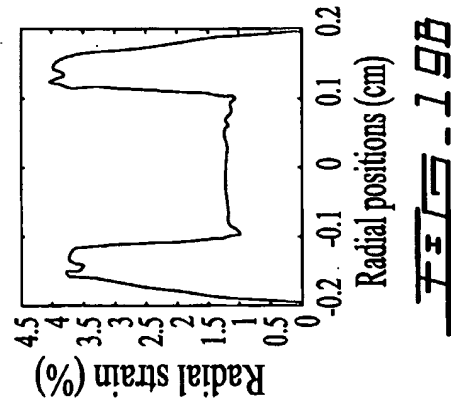
Media & adventicia Dense fibrosis Cellular Fibrosis

FIG. 17B

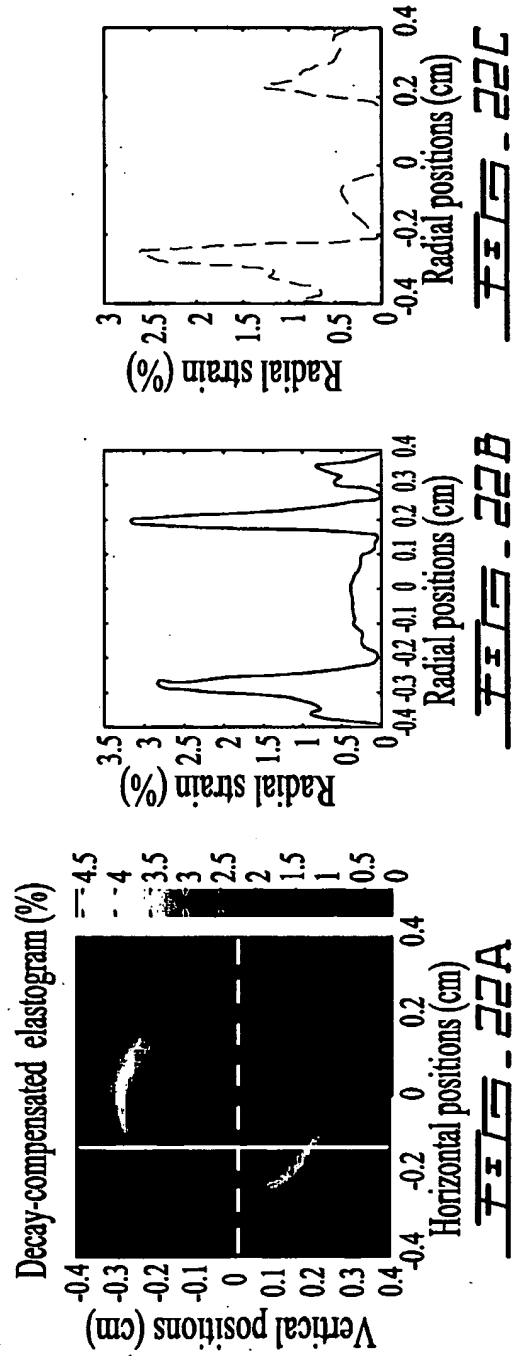
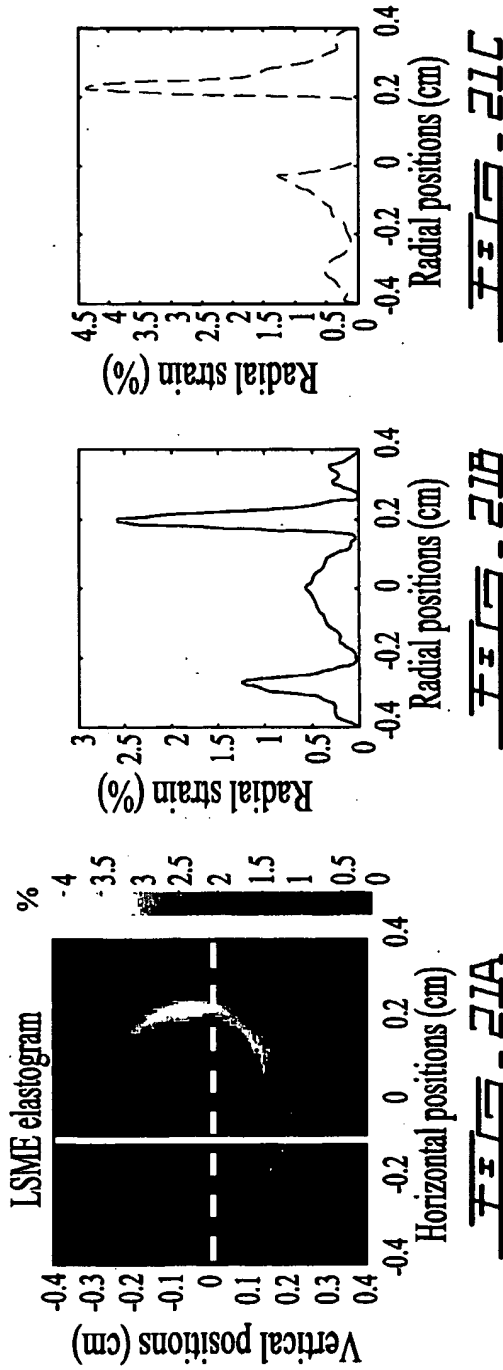
15/21

FIG. 18AFIG. 18BFIG. 18CFIG. 18D

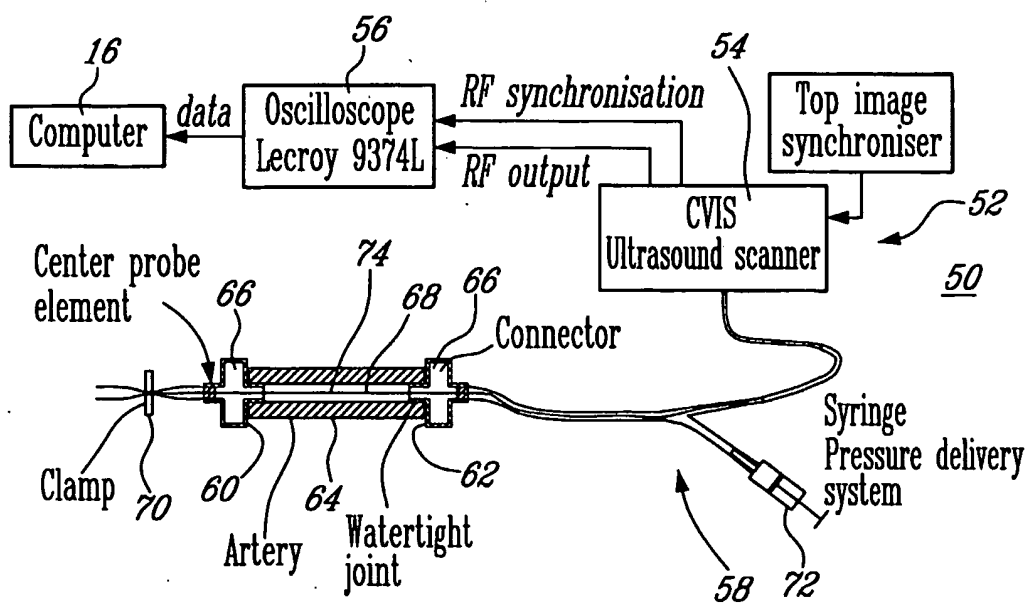
16/21



17/21



18/21

FIG. 23

19/21

Histology

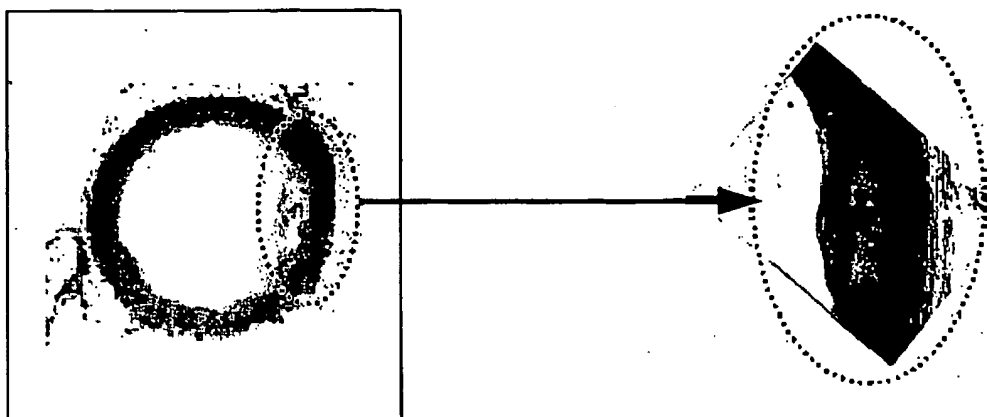


FIG. 24 A (PRIOR ART)

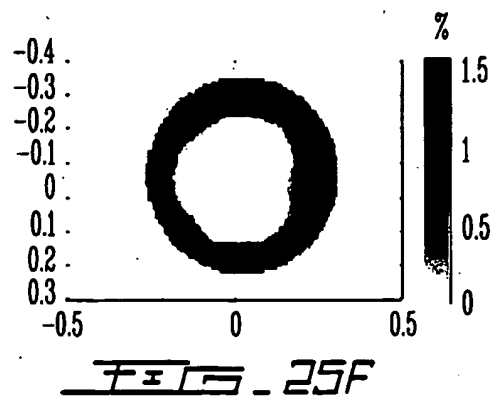
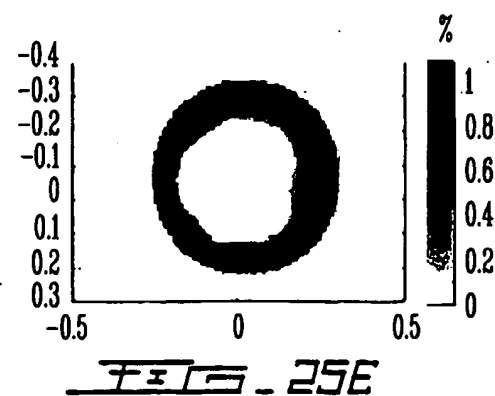
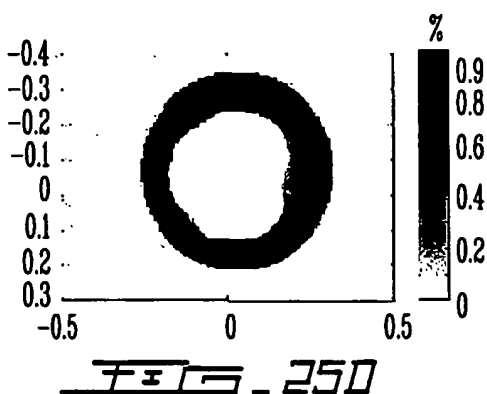
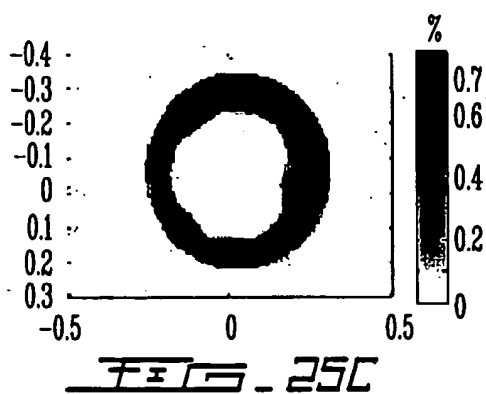
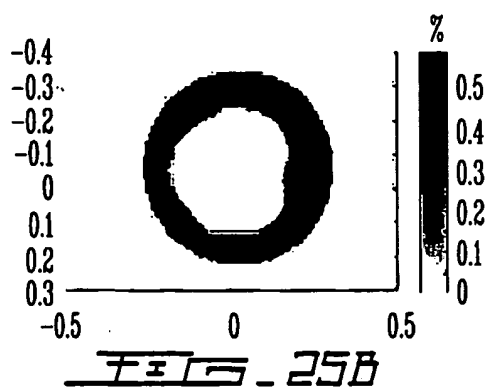
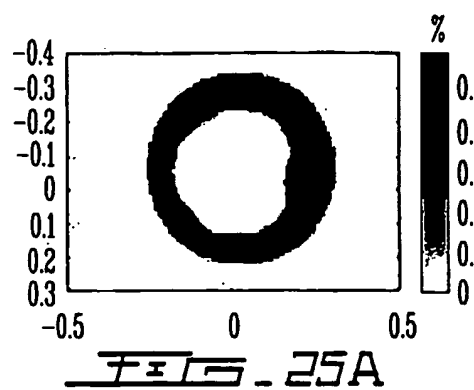
FIG. 24 B (PRIOR ART)

IVUS images

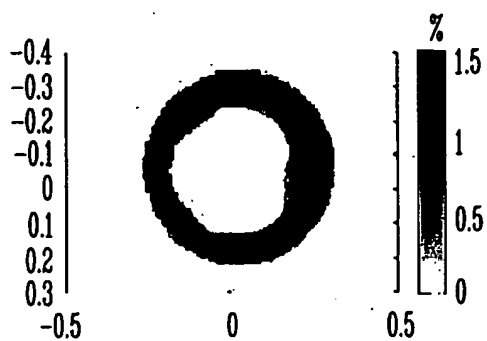
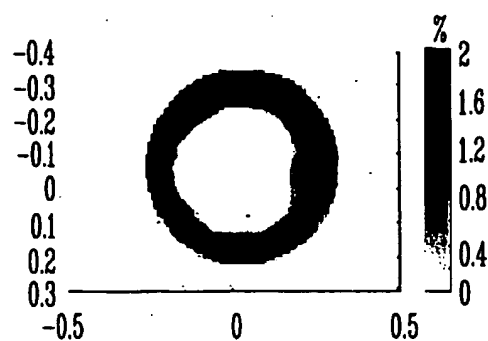
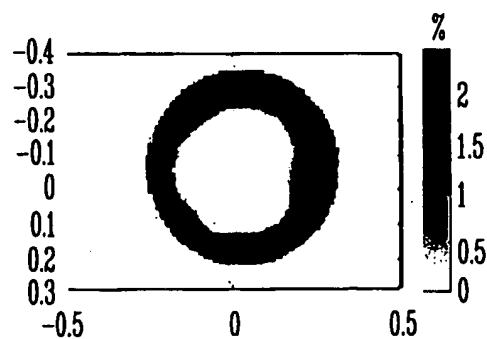
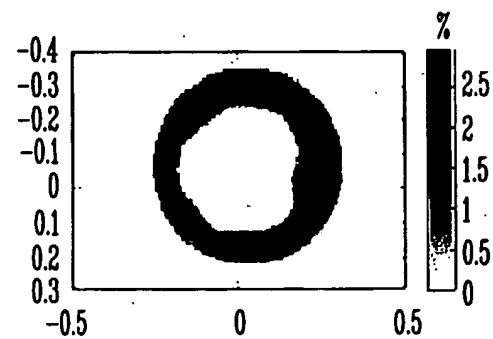


FIG. 24 C (PRIOR ART)

20/21



21/21

FIG. 25GFIG. 25HFIG. 25IFIG. 25J

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☒ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER: _____**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.